1.4 [illegible]

[illegible]

1[illegible]（ ）

A[illegible]

B[illegible]“[illegible]”

C[illegible]

D[illegible]“[illegible]”

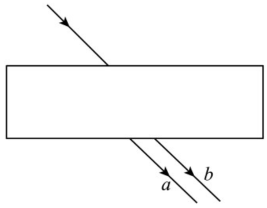


2[illegible]（ ）

A[illegible] B[illegible] C[illegible] D[illegible]

3[illegible] a[illegible]b [illegible] b [illegible] a [illegible]（ ）

A[illegible] B[illegible] C[illegible] D[illegible]



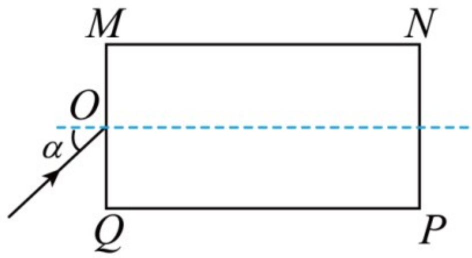
4[illegible] $MNPQ$，$MN=2NP$[illegible] $\sqrt{2}$ [illegible] $\alpha=45^{\circ}$ [illegible] MQ [illegible] O [illegible]（ ）

A[illegible] MQ [illegible] 60°

B[illegible] MN [illegible] 45°

C[illegible] MN [illegible]

D[illegible] NP [illegible]



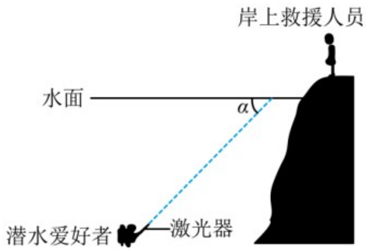
5[illegible] α [illegible] α [illegible] 41° [illegible]（ ）

A[illegible] $\frac{1}{\sin 41^{\circ}}$

B[illegible] $\frac{1}{\sin 49^{\circ}}$

C[illegible] $\alpha=60^{\circ}$ [illegible] 60°

D[illegible] $\alpha=60^{\circ}$ [illegible] 60°



6[illegible] $\triangle abc$ [illegible] $ab=ac$[illegible] bc [illegible] ab [illegible] bc [illegible] ac [illegible]（ ）

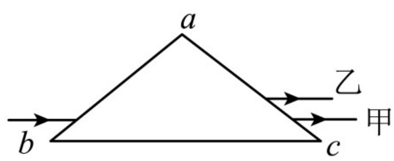
A[illegible]

B[illegible]

C[illegible]

D[illegible]

E[illegible] bc [illegible]



7[illegible]DE[illegible]$BB'C'C$[illegible]DE[illegible]ABC[illegible]D[illegible]BC[illegible]

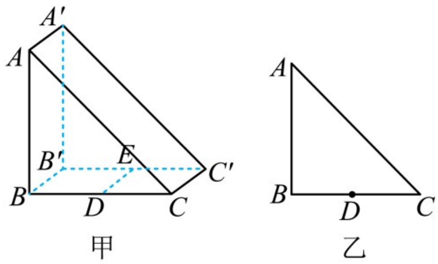
[illegible]ABC[illegible]$\sqrt{2}$[illegible]DE[illegible]$AA'CC$[illegible]（　　）

A[illegible]$AA'C'C$[illegible]$\frac{1}{2}$

B[illegible]$AA'C'C$[illegible]$\frac{2}{3}$

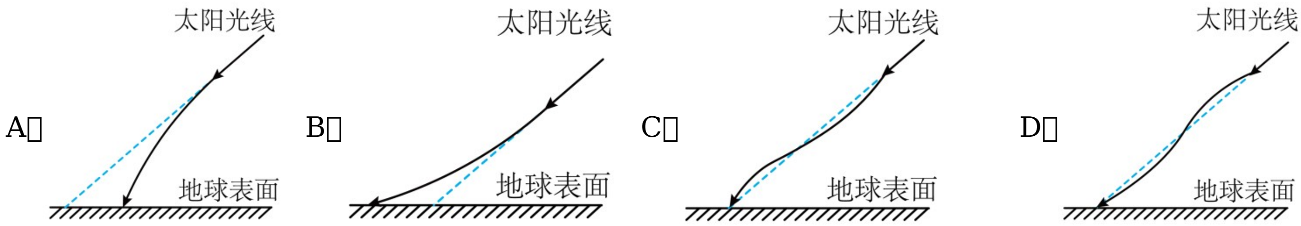
C[illegible]DE[illegible]$AA'C'C$[illegible]

D[illegible]DE[illegible]$AA'C'C$[illegible]



8[illegible]

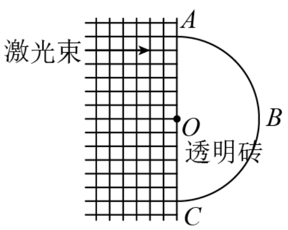
（　　）



[illegible]

9[illegible]AC[illegible]ABC[illegible]AC[illegible]

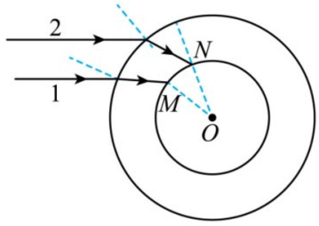
[illegible]（　　）



A．1.2　　B．1.4　　C．1.6　　D．1.8

10[illegible]2021[illegible]12[illegible]“[illegible]”[illegible]

[illegible]O[illegible]（　　）



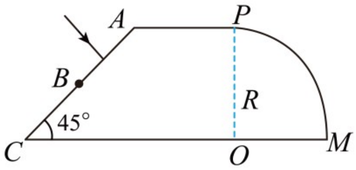
A[illegible]

B[illegible]

C[illegible]1[illegible]M[illegible]2[illegible]N[illegible]

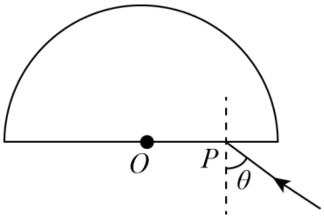
D[illegible]2[illegible]N[illegible]1[illegible]M[illegible]

11[illegible]OP[illegible]O[illegible]R[illegible]$\frac{1}{4}$[illegible]AP[illegible]R[illegible]AC[illegible]CO[illegible]45°[illegible]AC[illegible]B[illegible]a[illegible]b[illegible]AB[illegible]a[illegible]b[illegible]1.42[illegible]1.40[illegible]A[illegible]B[illegible]PM[illegible]OM[illegible]（ ）



A[illegible]a[illegible] B[illegible]b[illegible] C[illegible]a[illegible]b[illegible] D[illegible]a[illegible]b[illegible]

12[illegible]O[illegible]R[illegible]P[illegible]$\theta = 60^{\circ}$[illegible]c[illegible]（ ）



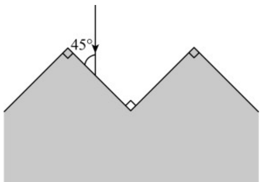
A[illegible]1.5

B[illegible]OP[illegible]$\frac{\sqrt{2}}{2}R$

C[illegible]$\frac{\sqrt{3}}{3}c$

D[illegible]30°

13[illegible]45°[illegible]k[illegible]$(0<k<1)$[illegible]$(1-k^2)$[illegible]（ ）



A[illegible]$\frac{\sqrt{6}}{2}$ B[illegible]$\sqrt{2}$ C[illegible]1.5 D[illegible]2